

SEQUENCE LISTING

<110> The President of Hiroshima University

<120> High estrogen-sensitive medaka fish.

<130> A000003885

<150> JP/2000-247729

<151> 2000-8-17

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<170> PatentIn Ver. 2.0

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<213> Oryzias latipes

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ccagcactca gatccaggat cagcccagcc tcctcagagc tggagacct ctccccacct 180

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Met Tyr Pro Glu Glu Ser Arg Gly

1 5

tct gga ggg gtg gct gct gtg gac ttt ttg gaa ggg acg tac gac tat 282

Ser Gly Gly Val Ala Ala Val Asp Phe Leu Glu Gly Thr Tyr Asp Tyr

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Ala Ala Pro Asn Pro Ala Thr Thr Pro Leu Tyr Ser Gln Ser Ser Thr

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Gly Tyr Tyr Ser Ala Pro Leu Glu Thr Asn Gly Pro Pro Ser Glu Gly

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agt ctg cag tcc ctg ggc agt ggg ccg acg agc cct ctg gtg ttt gtg 426

Ser Leu Gln Ser Leu Gly Ser Gly Pro Thr Ser Pro Leu Val Phe Val

60 65 70

ccc tcc agc ccc aga ctc agt ccc ttt atg cat cca ccc agc cac cac 474

Pro Ser Ser Pro Arg Leu Ser Pro Phe Met His Pro Pro Ser His His

75 80 85

tat ctg gaa acc act tcc acg ccc gtt tac aga tcc agc cac cag gga 522

Tyr Leu Glu Thr Thr Ser Thr Pro Val Tyr Arg Ser Ser His Gln Gly

90 95 100

gcc tcc agg gag gac cag tgc ggc tcc cgg gag gac acg tgc agc ctg 570

Ala Ser Arg Glu Asp Gln Cys Gly Ser Arg Glu Asp Thr Cys Ser Leu

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Gly Glu Leu Gly Ala Gly Ala Gly Gly Phe Glu Met Ala Lys

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Asp Thr Arg Phe Cys Ala Val Cys Ser Asp Tyr Ala Ser Gly Tyr His

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Tyr Gly Val Trp Ser Cys Glu Gly Cys Lys Ala Phe Phe Lys Arg Ser

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Ile Gln Gly His Asn Asp Tyr Met Cys Pro Ala Thr Asn Gln Cys Thr

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att gac aga aat cgg agg aag agc tgc cag gct tgt cgt ctt agg aag 810

Ile Asp Arg Asn Arg Arg Lys Ser Cys Gln Ala Cys Arg Leu Arg Lys

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Cys Tyr Glu Val Gly Met Met Lys Gly Gly Val Arg Lys Asp Arg Ile

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cgc att tta cgg cgt gac aaa cgg cgg aca ggc gtt ggt gat gga gac 906

Arg Ile Leu Arg Arg Asp Lys Arg Arg Thr Gly Val Gly Asp Gly Asp

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Lys Val Val Lys Gly Gln Glu His Lys Thr Val His Tyr Asp Gly Arg

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Lys Arg Ser Ser Thr Gly Gly Gly Gly Gly Gly Gly Arg Leu

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Ser Val Thr Ser Ile Pro Pro Glu Gln Val Leu Leu Leu Leu Gln Gly

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Ala Glu Pro Pro Ile Leu Cys Ser Arg Gln Lys Leu Ser Arg Pro Tyr

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Thr Glu Val Thr Met Met Thr Leu Leu Thr Ser Met Ala Asp Lys Glu

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Leu Val His Met Ile Ala Trp Ala Lys Lys Leu Pro Gly Phe Leu Gln

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Leu Ser Leu His Asp Gln Val Leu Leu Leu Glu Ser Ser Trp Leu Glu

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Val Glu Gly Met Thr Glu Ile Phe Asp Met Leu Leu Ala Thr Ala Ser

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Arg Phe Arg Val Leu Lys Leu Lys Pro Glu Glu Phe Val Cys Leu Lys

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Pro Gly Ser Ile Ser Ala Ser Arg Gly Arg Ile Glu Ser Pro Ser Arg

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Gly Pro Phe Ala Pro Ser Val Leu Gln Tyr Gly Ser Arg Pro Asp

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Cys Thr Pro Ala Leu Gln Asp

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